

Converting Colors

XYZ(72.9720, 73.9448, 86.0281)

Have a look what the booklet for
XYZ(72.9720, 73.9448, 86.0281)
contains.

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Color

**XYZ(72.9720, 73.9448,
86.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCE7
RGB	231, 220, 231
RGB Percent	91%, 86%, 91%
CMY	0.0941, 0.1372, 0.0941
CMYK	0.00, 0.05, 0.00, 0.09
HSL	300°, 19%, 88%
HSV	300°, 5%, 91%
XYZ	72.9720, 73.9448, 86.0281
YIQ	224.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

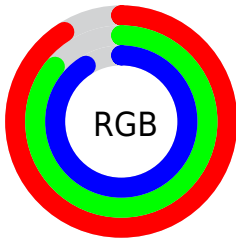
Format	Color
R _Y B	231, 220, 231
Decimal	15195367
CIE Lab	88.90, 5.70, -4.04
CIE LCh	89, 6.982, 324.662
Yxy	73.9448, 0.3133, 0.3174
Android (android.graphics.Color)	4293385447 (0xFFE7DCE7)
YUV	224.5430, 3.1833, 5.6628
Hunter-Lab	85.9912, 0.9904, 0.8783

Details

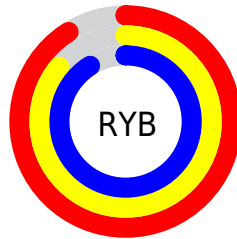
The XYZ color **72.9720, 73.9448, 86.0281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0121, 77.5368, 78.9372**, and the grayscale version is **71.2183, 74.9272, 81.5957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8722, 39.1194, 46.0594** is the 20% darker color. If you saturate the color by 10%, you get **67.3243, 62.6482, 84.1464**, and if you desaturate by 10%, it is **79.4617, 86.9231, 88.1922**.

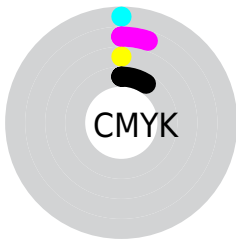
Distribution



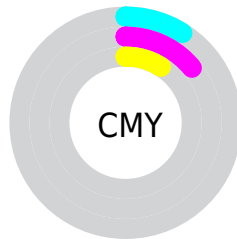
- Red (91%)
- Green (86%)
- Blue (91%)



- Red (91%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9720, 73.9448, 86.0281 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.9720, 73.9448, 86.0281 by changing the saturation by 10% instead.

72.9720, 73.9448,
86.0281

72.9720, 73.9448,
86.0281

460.0231,
474.2828, 535.2569

54.2414, 54.7489,
64.1362

122.4408,
124.8176, 143.6956

39.0261, 39.2007,
46.3141

153.9097,
157.2632, 180.3082

26.9608, 26.9159,
32.1433

190.3554,
194.8941, 222.6649

17.6803, 17.5101,
21.2052

232.1432,
238.0948, 271.1841

10.8190, 10.5988,
13.0814

279.6385,
287.2496, 326.2843

6.0116, 5.7978,
7.3532

333.2067,

2.8929, 2.7225,

342.7430, 388.3842

3.6022

393.2131,
404.9592, 457.9022

■ 1.0974, 0.9886,
1.4098

■ 0.0229, 0.0000,
0.1493

■ 72.9720, 73.9448,
86.0281

■ 72.9720, 73.9448,
86.0281

■ 67.3243, 62.6482,
84.1464

■ 79.4617, 86.9231,
88.1922

■ 62.4779, 52.9556,
82.5310

■ 83.1395, 94.2788,
89.4182

■ 58.3987, 44.7971,
81.1712

■ 83.1395, 94.2788,
89.4182

■ 55.0472, 38.0942,
80.0541

■ 83.1395, 94.2788,
89.4182

52.3808, 32.7613,
79.1652

83.1395, 94.2788,
89.4182

50.3521, 28.7039,
78.4890

83.1395, 94.2788,
89.4182

48.9080, 25.8157,
78.0076

83.1395, 94.2788,
89.4182

47.9866, 23.9729,
77.7005

83.1395, 94.2788,
89.4182

47.5123, 23.0243,
77.5424

83.1395, 94.2788,
89.4182

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6497, 73.9448, 89.2884



72.9720, 73.9448, 86.0281



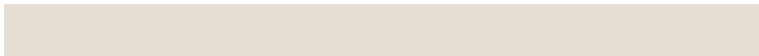
73.5743, 73.9448, 81.3839

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9720, 73.9448, 86.0281



70.5856, 73.9448, 71.5812



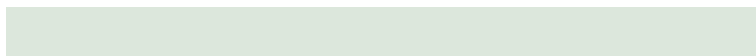
67.3647, 73.9448, 84.4673

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.9720, 73.9448, 86.0281



71.0121, 77.5368, 78.9372

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0900, 73.9448, 79.6490



72.9720, 73.9448, 86.0281



68.9324, 73.9448, 72.3329

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9720, 73.9448, 86.0281



72.1824, 73.9448, 73.1435



67.6595, 73.9448, 75.2394



68.4158, 73.9448, 88.3622

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9720, 73.9448, 86.0281



73.4796, 73.9448, 78.1760



67.6595, 73.9448, 75.2394



67.1792, 73.9448, 82.8968

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.9741, 73.9480, 86.0297



94.2419, 98.3838, 108.6306



69.5354, 72.1753, 85.8688



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9741, 73.9480, 86.0297



90.3618, 90.6237, 107.3373



72.2095, 73.6421, 82.0033



15.3458, 15.3165, 18.2919



26.5612, 12.7587, 43.4459



1.9628, 0.9428, 3.2105

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.9741, 73.9480, 86.0297



90.3618, 90.6237, 107.3373



71.7526, 77.8329, 82.8363



15.3458, 15.3165, 18.2919



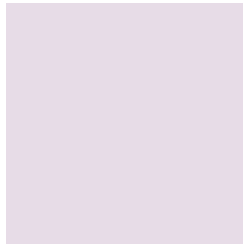
26.5612, 12.7587, 43.4459



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 72.9720, 73.9448, 86.0281 looks on a white background.

Color Contrast Check

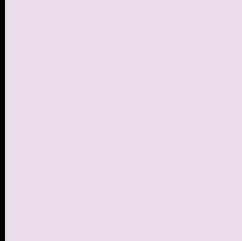
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.9720, 73.9448, 86.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

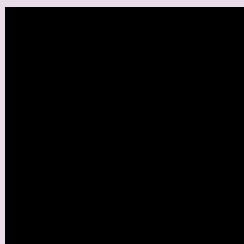
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

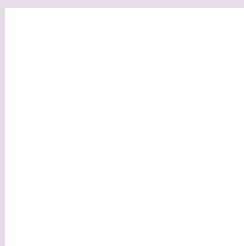
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9720, 73.9448, 86.0281

Background



This preview shows how black text looks on a background with the XYZ color 72.9720, 73.9448, 86.0281.

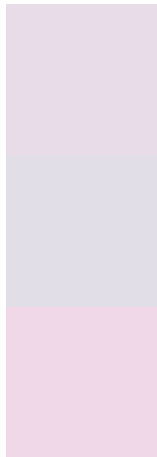


This preview shows how white text looks on a background with the XYZ color 72.9720, 73.9448,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.9720, 73.9448, 86.0281

Protanopia

71.7381, 74.0763, 86.8611

Deuteranopia

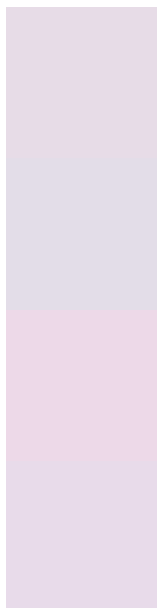
75.3970, 73.6387, 86.5838



Tritanopia

73.7506, 73.8750, 89.7291

Trichromacy



Original Color

72.9720, 73.9448, 86.0281

Protanomaly

72.1005, 73.8700, 86.8022

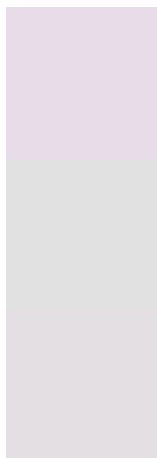
Deuteranomaly

74.3034, 73.4564, 86.6062

Tritanomaly

73.4615, 73.7594, 88.2070

Monochromacy



Original Color

72.9720, 73.9448, 86.0281

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9314, 74.6523, 83.2912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9720, 73.9448, 86.0281 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(231, 220, 231) looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 231) }
```

Border

The CSS property to change the border of an element to XYZ 72.9720, 73.9448, 86.0281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 220, 231) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 220, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9720, 73.9448, 86.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
220, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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